Entrust-LCD®

The Minuteman Entrust-LCD® Series UPS provides users all the features usually available in higher-priced UPS products to protect your valuable equipment: automatic voltage regulation, spike and surge protection, and battery backup, all in a surprisingly compact package.

Entrust-LCD® units feature eight to ten total outlets to ensure that all devices in your system can be protected with one of four or five surge-only or surge and battery protected outlets. The Entrust-LCD® Series' compact footprint makes it an ideal solution for cramped spaces including network and security closets, AV cabinets, tight desks, and more. With sizes ranging from 550VA to 1500VA, the Entrust-LCD® can support a wide range of equipment, including personal computers, small to midsize security DVRs, network devices, small telephone systems, and more.

Protects Against Spikes, Surges, Brownouts and Blackouts

- Automatic Voltage Regulation (AVR)
- Four surge and battery protected outlets (550/700VA models)
- Four surge-only outlets for protection of non-critical accessories (550/700VA models)
- Five surge and battery protected outlets (1000/1500VA models)
- Five surge-only outlets for protection of non-critical accessories (1000/1500VA models)
- Input circuit breaker protection

Feature-rich Design

- Ultra compact case design
- LCD front panel display
- USB communications
- Hot-swappable batteries
- Easy battery access
- Tool-less battery replacement design
- 3-year limited warranty (electronics), 2-year warranty (batteries)

- RoHS 2 compliant
- Transformer-friendly receptacles
- DC startup capability
- Independent Battery Bypass
- Built-in self-diagnostics testing
- Site-wiring fault indicator
- Audio & Visual alarms
- Alarm silencer button

1. LCD status display
2. On/Off/Test, Display scroll, Alarm silence
3. Tool-less battery access panel
4. USB communication port
5. Surge-only 5-15R outlets (4 - 550 & 700, 5 - 1000 & 1500)
6. Battery Backup & Surge 5-15R Outlets (4 - 550 & 700, 5 - 1000 & 1500)
7. 6-ft. Power Cord
8. Input circuit breaker

LCD Display Provides Real-time Information

- UPS status and condition
- Battery capacity bar graph
- Estimated runtime
- AC and DC modes
- Load capacity bar graph
- Warning / Fault icons

Compatible with Minuteman SentryHD Management Software

- Automatically saves and shuts down unfinished applications
- Gracefully powers down your PC during extended blackouts
- Provides comprehensive monitoring capabilities
- Integrates into SNMP network (when connected to a computer via USB port)

LCD Control Panel

Monitor your power in real time with Entrust LCD's control panel.

1. Unit Status Indicator
2. Load and Battery Meters
3. Numeric Display
4. Display Scroll Button
5. Alarm Silence Button
6. On/Off/Test Button

	Model Number	ETR550LCD	ETR700LCD	ETR1000LCD	ETR1500LCD
General	Apparent Output Power	550VA	700VA	1000VA	1500VA
	Active Output Power	330 Watts	420 Watts	600 Watts	900 Watts
	Topology	Line-interactive			
	Type	Tower			
	Agency Approvals	cTUVus (Conforms to UL1778, CSA 22.2), CE, FCC Class B			
	Green Compliance	RoHS 2 (EU Directive 2011/65/EU)			
	Warranty	3-years Electronics / 2-years Batteries			
	Equipment Protection Policy	Up to $75,000 (Continental U.S. and Canada only)			
	Input Power Plug/Cable	NEMA 5-15P w/6 ft cord			
	Receptacles (Battery/Surge) Type	(4/4) NEMA 5-15R		(5/5) NEMA 5-15R	
Input	Voltage Range	90VAC to 140VAC			
	Frequency Range	60Hz ±6Hz			
	Surge Protection	320 Joules			
Output	Voltage Default	104VAC to 140VAC			
	Frequency	60Hz ±6Hz			
	Efficiency (AC-AC)	>96% (full load)			
Output (On Battery)	Voltage	120VAC			
	Voltage Regulation	Nominal ±5% until low battery warning			
	Frequency	60Hz ±0.5Hz unless synchronized to line			
	Wave Form	Simulated Sine Wave			
	Overload Capacity	AC Mode: 110% for 1-minute then shutdown, 150% shutdown immediately DC Mode: 110% for 20-seconds then shutdown, 150% shutdown immediately			
	Protection	Over-Current, Short-Circuit Protected and Latching Shutdown			
Interface	Communications Port	USB (Cable included)			
	LCD Status Indicators	AC Normal, On Battery, AVR mode, Overload, Weak/Bad/Disconnected Battery, Site wiring fault, Internal fault			
	LCD Meter Display	Input & Output Voltage, Input & Output Frequency, Load Capacity Bar Graph, KVA/KW, Battery Capacity Bar Graph, Est. Runtime			
	Audible Alarms	On Battery, Low Battery, Internal Fault, Overload, Weak/Bad/Disconnected Battery			
Battery System	Full Load Runtime (non-linear)	3 min.	3 min.	3 min.	3 min.
	Half Load Runtime (non-linear)	12 min.	12 min.	12 min.	12 min.
	Hot Swappable Batteries	Yes			
	Battery Module Type	BM0063	BM0064	BM0065	BM0066
	Typical Recharge Time	8 hours to 90% from a full load discharge			
	Battery Type	Sealed, Non-spillable, Maintenance-free, Value-regulated, Lead Acid			
Physical	Net Dimensions: L x W x H	11.3 x 3.4 x 11.0" (288.0 x 87.0 x 280.0 mm)		16.1 x 3.4 x 11.0" (410.0 x 87.0 x 280.0 mm)	
	Net Weight: lbs. (Kgs.)	13.9 (6.3)	15.7 / (7.1)	22.0 (10.0)	26.0 (11.8)
	Shipping Dimensions: D x W x H	14.2 x 6.2 x 14.4" (360.0 x 158.0 x 365.0 mm)		19.5 x 6.5 x 14.5" (495.0 x 164.0 x 369.0 mm)	
	Shipping Weight: lbs. (Kgs.)	15.0 (6.8)	16.8 (7.6)	23.4 (10.6)	27.3 (12.4)

MINUTEMAN®
POWER TECHNOLOGIES